

FIG.1

**FIG. 2**

Electrical Conductivity of Plate Bottom Side in  
Longitudinal Transverse Direction Across Plate

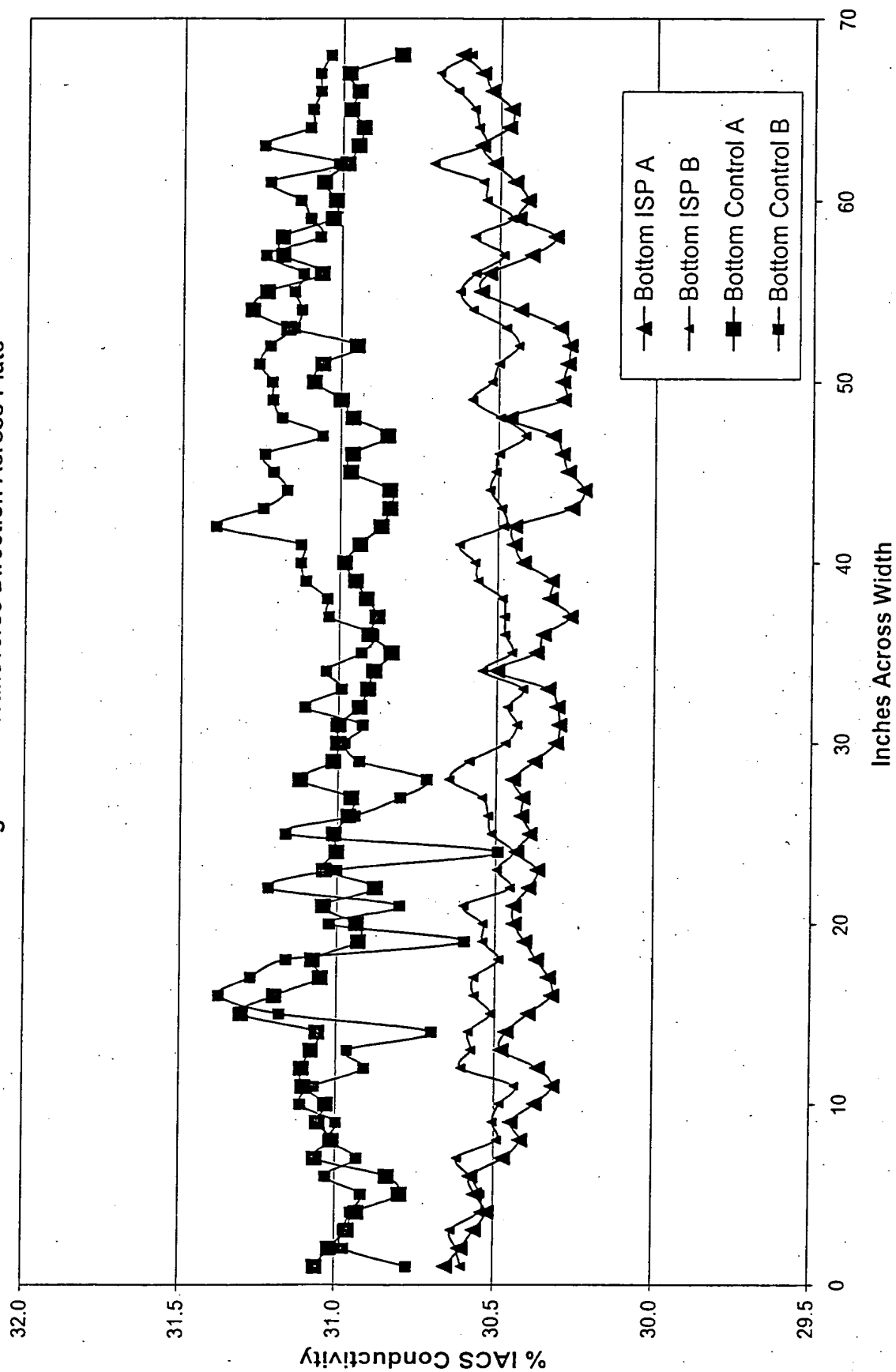


FIG. 3

Electrical Conductivity of Stringer/Upper Side in the  
Longitudinal Direction Down the Length of Plate

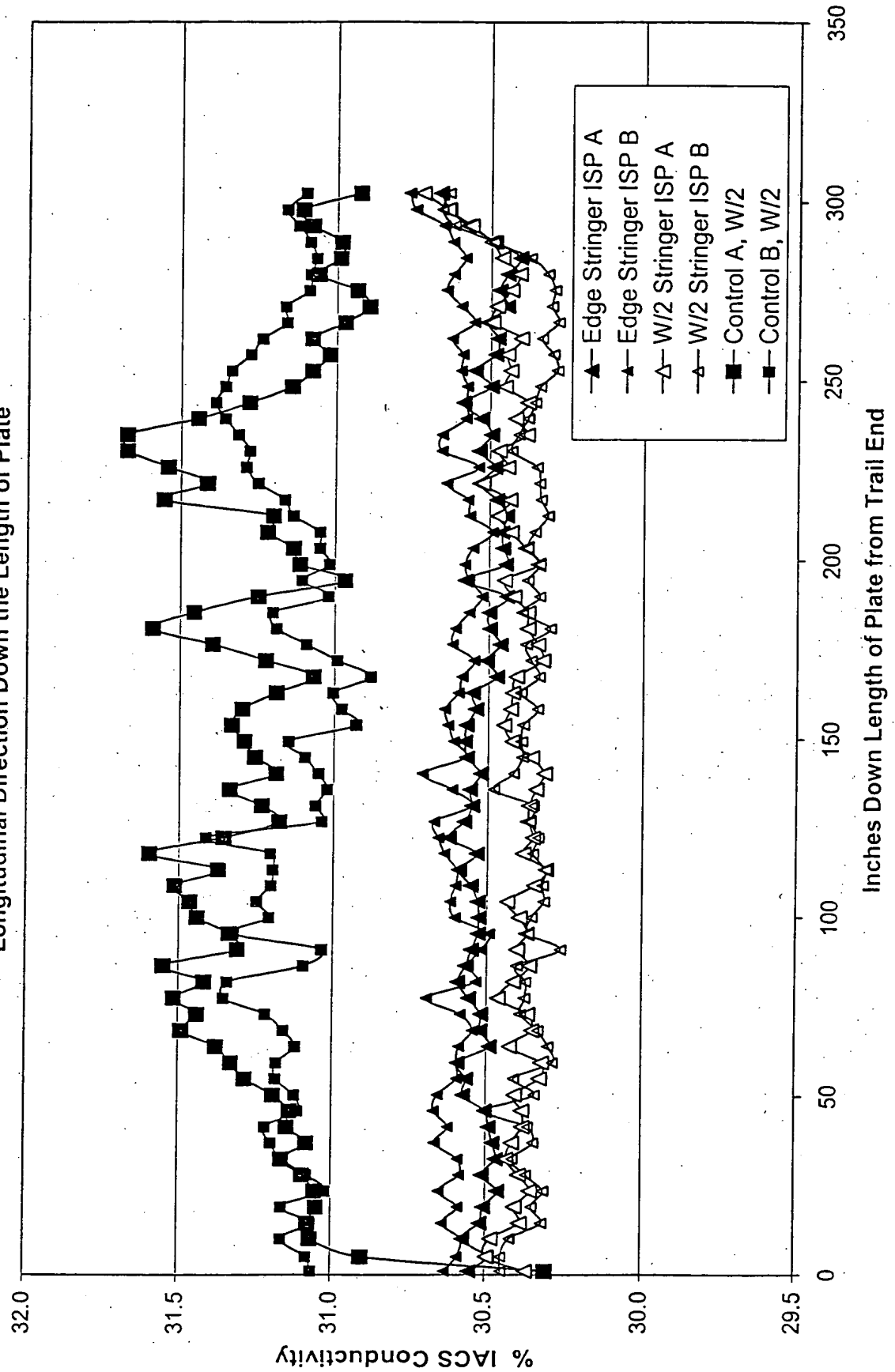
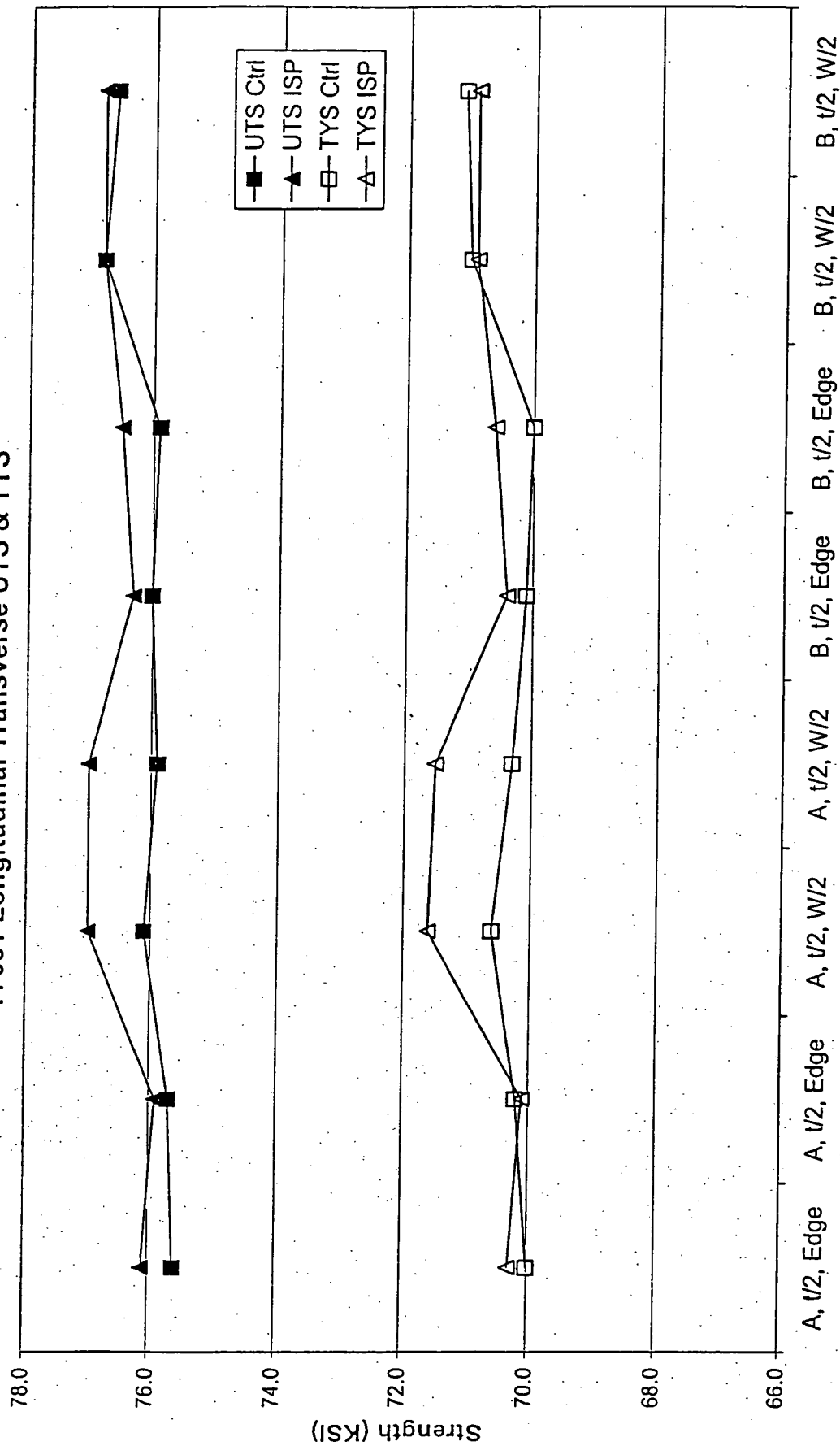


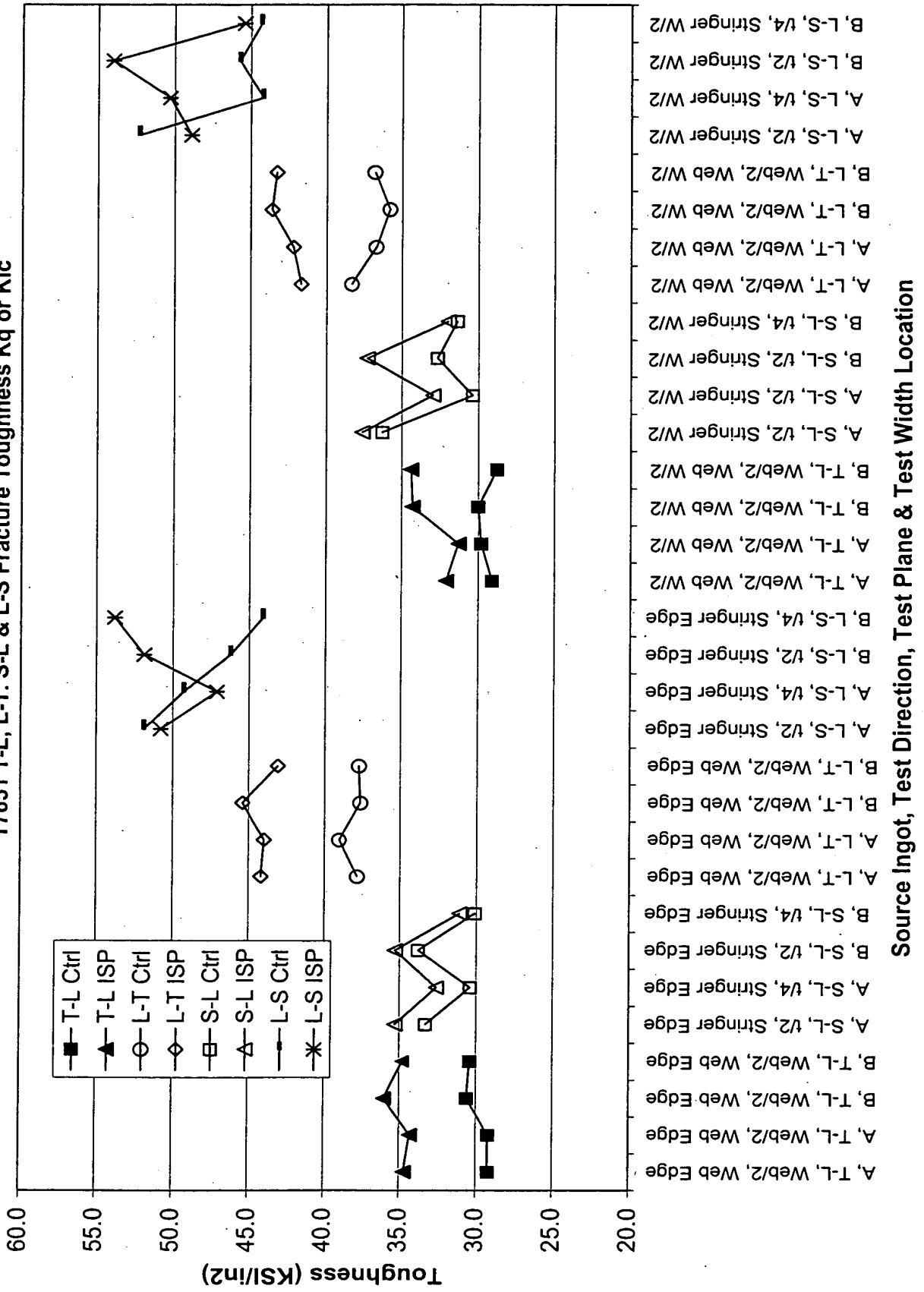
FIG. 4

T7651 Longitudinal Transverse UTS & TYS



Source Ingot, Test Plane and Test Width Location

**FIG. 5**  
T7651 T-L, L-T, S-L & L-S Fracture Toughness K<sub>q</sub> or K<sub>l</sub>c



**FIG. 6**  
**T7451 T-L, L-T, S-L & L-S Fracture Toughness K<sub>q</sub> or K<sub>IC</sub>**

